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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,767	07/14/2003	Jung-Hyun Lee	249/349	4046

7590 03/21/2005

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EXAMINER

NOVACEK, CHRISTY L

ART UNIT PAPER NUMBER

2822

DATE MAILED: 03/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



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Serial No. : 10617767
Applicant : Jung-Hyun Lee
Filing Date : July 14, 2003
Date Mailed : March 18, 2005

ACKNOWLEDGEMENT OF REQUEST

Notice of Allowance/Allowability Mailed

The request for a copy of the initialed PTO 1449, dated January 26, 2005, has been received by the U.S. Patent and Trademark Office.

- Requested copy attached.

SUNDA M. ARCHER
For the Office of Patent Publication

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Substitute for form 1442/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/617,767
Filing Date	July 14, 2003
First Named Inventor	Jung-hyun LEE, et al
Art Unit	2822
Examiner Name	C. L. NOVACEK
Attorney Docket Number	249/349

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		EP 0 640 994 A1	05-12-1993	ARGOS, et al.	
CK		EP 1 341 217 A2	09-03-2003	LEE, et al.	
		WG 02/31875 A2/A3	04-10-2002	HAUKKA, et al.	
CK		JP 2001-267566 *	09-28-2001	MA, et al.	
		*=US 6,407,435			

Examiner Signature Christy K. Cooke

Date Considered	12/22/04
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Examiner Name	C. L. NOVACEK
Attorney Docket Number	249/349

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of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CHOI, et al., *, Jpn. J. of Applied Physics, 40(4B, Part 1):2040-2042, (April 2001)	
		Entitled: "Electrical Characteristics of Pt/SrBi ₂ Ta ₂ O ₉ /Ta ₂ O ₅ /Si Using Ta ₂ O ₅ as the Buffer Layer"	
		CLARK-PHELPS, et al., **, Mat. Res. Soc. Symp. Proc. Vol. 670, Society, K2-2.1-6 (2001)	
		Entitled: "Engineered tantalum aluminate and hafnium aluminate ALD films for ultrathin ..."	
		WILK, et al., ***, Journal of Applied Physics, Vol. 89, No. 10:5249-5275, (May 16, 2001)	
		Entitled: "High-k gate dielectrics: Current status and materials properties considerations"	

Examiner
Signature*Christy Novacek*

Date

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